

# REPLACEMENT SHEET

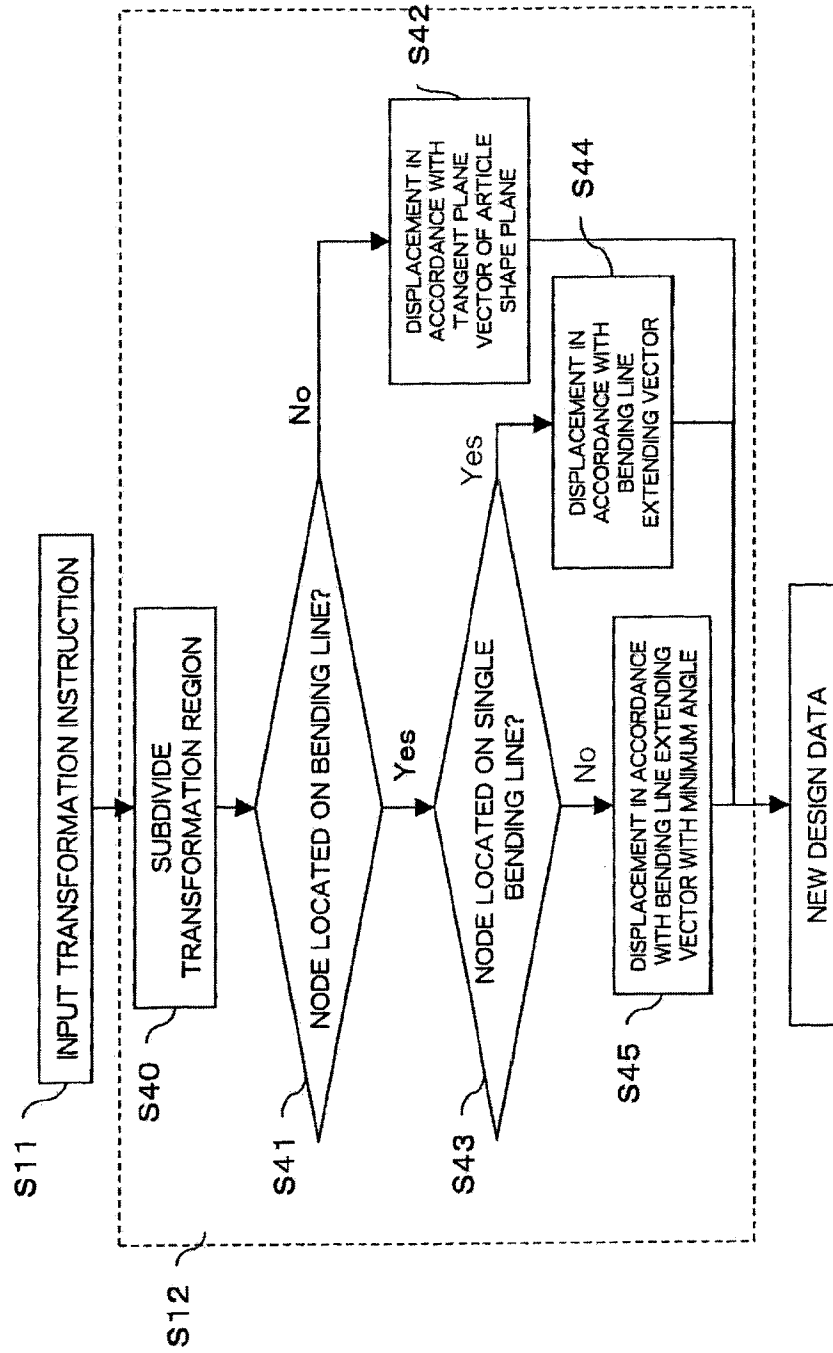


Fig. 9

Additional Fig. 10-1

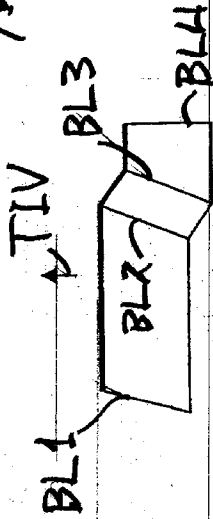


Fig. 10A

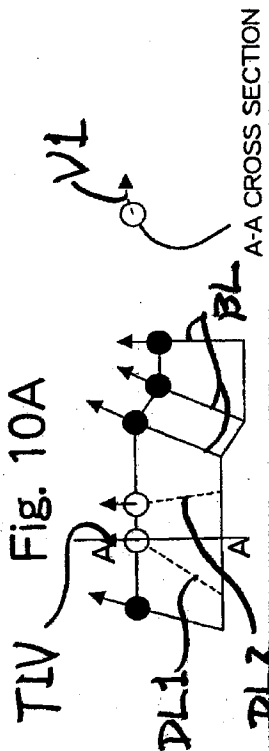


Fig. 10B

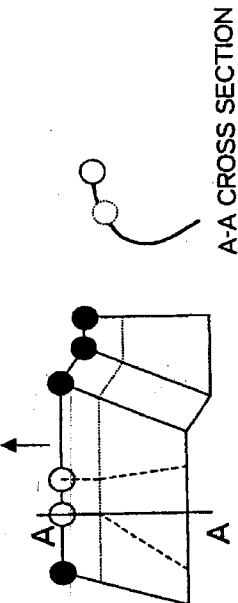
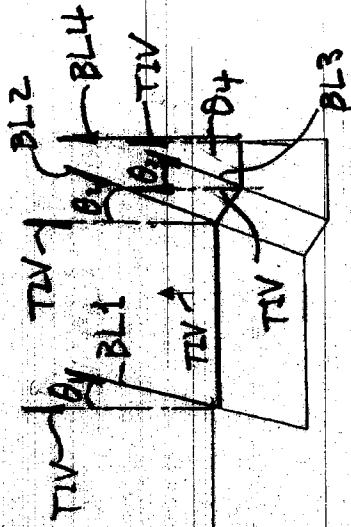


Fig. 10C

Additional Fig. 10-2



$\phi$ : predetermined allowable angle

$$\begin{aligned}\theta_1 &< \phi \\ \theta_2 &< \phi \\ \theta_3 &< \phi \\ \theta_4 &< \phi\end{aligned}$$

In this case,  
All of the black nodes  
are displaced in the  
extending direction  
of the bending line BL.

Fig. 10A

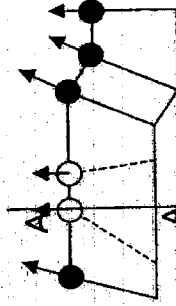


Fig. 10B

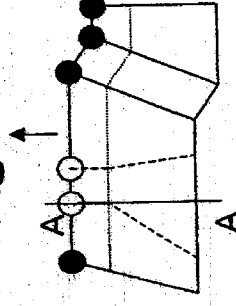
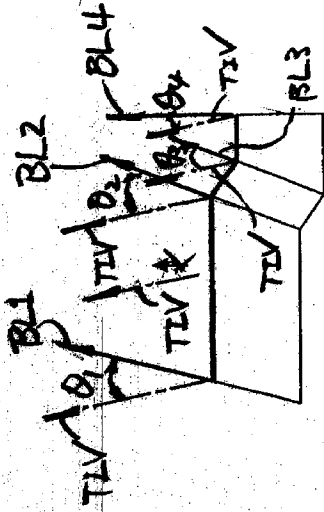


Fig. 10C

A-A CROSS SECTION

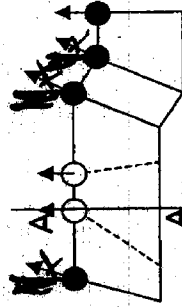
A-A CROSS SECTION

Additional Fig 10-3



$$\begin{aligned} \theta_1 &> \varphi \\ \theta_2 &> \varphi \\ \theta_3 &> \varphi \\ \theta_4 &< \varphi \end{aligned}$$

Fig. 10A



In this case

the 3 black nodes are displaced in accordance with the transformation vector TIV.

Fig. 10B

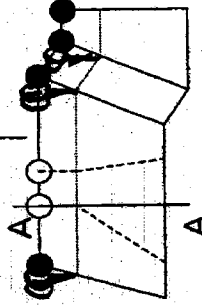
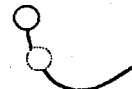


Fig. 10C



A-A CROSS SECTION



A-A CROSS SECTION